



Walsall County Borough

SANITARY AUTHORITY.

—•—
ANNUAL * REPORT

OF THE

MEDICAL OFFICER OF HEALTH,

FOR THE YEAR 1895.

J. SCOTT WILSON,

M.D. D.P.H. CAMB.

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WALSALL:
W. HENRY ROBINSON, STEAM PRINTING WORKS.
—
1896.

53, BRIDGE STREET,
WALSALL,

April, 1896.

*To the Chairman and Members of the Health Committee
of the County Borough of Walsall.*

GENTLEMEN,

I herewith present my Seventh Annual Report of the Vital Statistics and Sanitary Condition of your Borough.

I regret that this year cannot compare favourably with last year in regard to disease and death, the death rate for 1894 being only 16·44 per 1,000 per annum—probably the lowest death-rate ever registered in Walsall—while for 1895 the death rate is 20·56 per 1,000; a rate slightly above the mean yearly rates for the last ten years.

The Borough has not been visited by any serious epidemic, excepting during the last three months, when measles were very prevalent, 28 deaths being registered from that zymotic. Measles not being a notifiable disease, I have had no means of ascertaining exactly the number of cases; but from information received indirectly, I am of opinion that the epidemic has been both extensive and severe.

A regrettable feature is the increased number of deaths of infants under one year of age. In 1894, for every 1,000 children born, 152 died before reaching their first birthday; this year 204 died out of every 1,000 born. I must comment very strongly on this high mortality, which I think ought to be in a great measure preventable, and which I believe is due to errors in feeding and in clothing of infants, an entire ignorance of ordinary hygienic conditions and sanitation, overcrowding, and the leaving of infants in the care of children not much older than themselves during the time that the mother is employed elsewhere.

Although trade has shewn a considerable improvement during the year, overcrowding still continues. This is one of the most difficult questions with which you have to deal. No sooner is this nuisance abated in one case, than it occurs again in another; not entirely due, I think, to the want of houses, nor to depression in trade, but more probably due to early marriages, large families, and to two families occupying one house for the sake of convenience and economy.

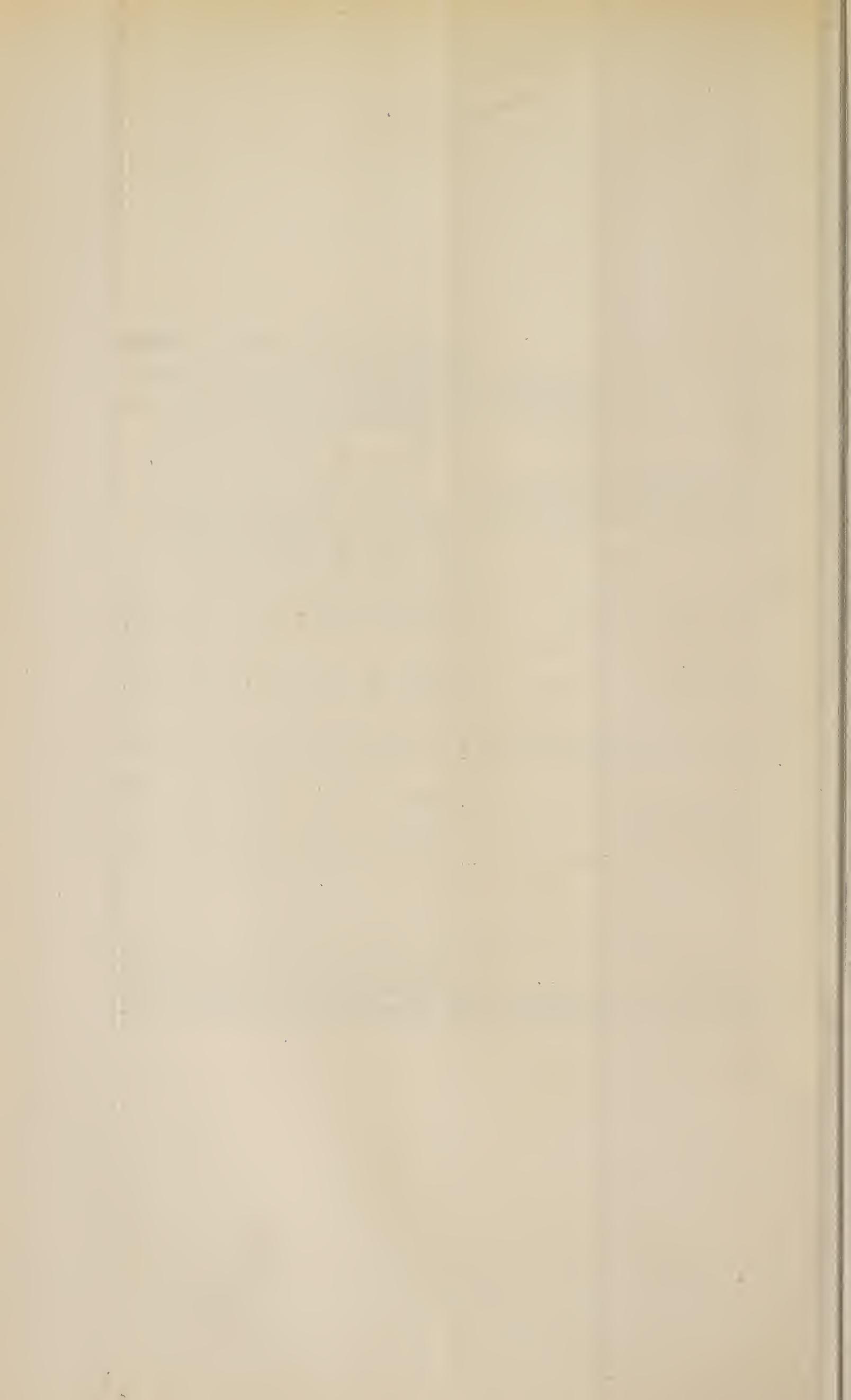
A most important change has been made in your staff of Inspectors, and in the arrangement and supervision of their work. The number has been increased by the addition of one Assistant Inspector, making the whole staff now to consist of—1 Chief Inspector, 2 Assistant Inspectors, and 1 Clerk. This change necessitated a re-division of work, the Borough being now apportioned into three districts, and each Inspector responsible for the work done in his own division. This has worked admirably, and will be an advantage to the ratepayers, as it has given the Sanitary Authority more complete control over the work done by their Inspectors, and has also added greatly to their power of supervising their monthly reports.

In the body of the Report I have formulated the usual statistical tables, and have dealt in detail with the more important points shown therein.

TABLE OF DEATHS,

During the Year 1895, in the Walsall Urban Sanitary District, classified according to Diseases, Ages, and Localities.

(a)				Mortality from all causes, at subjoined ages							(i)	Mortality from subjoined causes distinguishing deaths of Children under 5 years of age																					
				(b)	(c)	(d)	(e)	(f)	(g)	(h)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
NAMES OF LOCALITIES adopted for the purpose of these Statistics; Public Institutions being shown as Separate Localities				At all ages	Under 1 year	1 year & under 5	5 years and under 15	15 years and under 25	25 years and under 65	65 years and upwards		Smallpox	Scarlatina	Diphtheria	Membranous Croup	Fevers					Cholera	Erysipelas	Measles	Whooping Cough	Diarrhoe and Dysentery	Rheumatic Fever	Ague	Phthisis	Bronchitis, Pneumonia and Pleurisy	Heart Disease	Injuries	All other Diseases	Total
WALSALL				1167	436	162	50	38	313	168	Under 5	0	2	2	4	0	1	1	0	0	0	0	15	1	125	1	0	9	98	0	3	336	598
											5 upwds	0	0	4	3	0	8	0	0	1	0	1	1	0	13	1	0	56	199	24	11	247	569
BLOXWICH				191	67	30	5	6	50	33	Under 5	0	0	0	0	0	0	0	0	0	0	12	0	11	0	0	1	22	0	0	51	97	
											5 upwds.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	4	35	3	2	48	94	
ALDRIDGE (Registration District)				76	28	10	3	4	18	13	Under 5	0	0	0	0	0	0	0	0	0	0	0	0	1	8	0	0	0	7	0	0	22	38
											5 upwds.	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	8	12	0	1	15	38
WORKHOUSE				88	1	—	—	2	48	37	Under 5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
											5 upwds.	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	11	17	5	0	52	87
DISTRICT HOSPITAL				41	—	16	7	4	12	2	Under 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	11	3	16
											5 upwds.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	12	7	25
TOTALS				1563	532	218	65	54	441	253	Under 5	0	2	2	4	0	1	1	0	0	0	0	27	2	145	1	0	10	129	0	14	412	750
											5 upwds.	0	0	4	3	0	9	0	0	1	0	2	1	0	17	1	0	82	265	33	26	369	813



I wish again to thank you for the support and consideration you have given the Sanitary Inspectors and myself in the performance of our duties.

VITAL STATISTICS.

The population at the Census in 1881 was 58,795, Population. and at the last census in 1891, 71,789. Calculating from these two numbers, the population in June, 1895, is estimated at 76,000—an addition of 4,211 to the last census figures. The inhabited houses numbered in 1891, 13,851; and the area of the Borough is 8,711 acres; giving a distribution of 8·72 persons per acre.

The birth rate is 34·26, estimated from 2,604 regis- Births. tered births, 1,331 males and 1,273 females. This birth rate is exactly the same as that recorded last year, which on comparison with the three previous years shows a considerable decrease, the rate for 1891 being 36·43; for 1892, 36·79; and for 1893, 37·50.

The following table gives the number of births quarterly :—

Registration District.	1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.	
	Male	Female	Male	Female	Male	Female	Male	Female
Walsall ...	276	267	282	232	240	206	232	275
Bloxwich ...	55	58	49	59	71	57	48	47
Rushall(Aldridge Registrat'n Dist.)	26	18	18	23	21	15	14	15
Totals ...	357	343	349	314	332	278	294	337

The number of deaths recorded from all causes was Deaths. 1,563, shewing a death rate of 20·56 per 1,000 per annum. Although this rate is not abnormally high, still it shews a marked increase on that of last year, which was 16·44 per 1,000; this difference between the two rates being due to the exceptionally low mortality last year more than to a high one this year, the rate per 1,000 being only 1·03 above the mean annual rate for the last ten years.

MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.

LOCALITY.	At all Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards
Walsall	1167	436	162	50	38	313	168
Bloxwich	191	67	30	5	6	50	33
Rushall (Aldridge Regisn. District)	76	28	10	3	4	18	13
Workhouse	88	1	...	...	2	48	37
District Hospital	41	...	16	7	4	12	2
Totals	1563	532	218	65	54	441	253

The next table gives the quarterly and annual death-rate since 1886 :—

Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Year
1886	17·96	14·61	22·32	20·54	18·85
1887	18·66	16·57	16·57	18·49	18·04
1888	18·72	19·19	15·37	18·36	18·21
1889	19·05	17·37	19·24	19·81	19·36
1890	24·50	14·83	17·11	19·77	19·05
1891	20·77	21·77	14·27	20·55	19·00
1892	28·60	18·30	14·11	21·75	20·83
1893	25·04	24·38	26·24	23·39	24·42
1894	20·53	14·45	14·98	15·84	16·44
1895	21·05	18·94	21·84	20·42	20·56

Infantile Mortality.

The total number of deaths under one year of age is 532, as compared with 392 in 1894, being at the rate of 7·00 per 1,000 per annum. Last year the rate was 5·22 per 1,000. 2,604 births were recorded, and out of that number only 2,072 lived over one year; that is to say, 204 per 1,000 of children born, died under the age of one year. The total number of deaths of children under 5 years of age was 750, almost one-half of the deaths registered at all ages. It will be seen from the following table that the greatest number of deaths is due to diarrhoea, debility, convulsions, premature birth, and marasmus. In comparing 1895 with 1894, the most striking feature in the table is the immense number of deaths from diarrhoea during 1895—101 against 20 in the previous year. I consider this ought to be in a great measure preventable, and is no doubt due to errors in feeding and in clothing among the poorer class of children.

			1895.	1894.
Bronchitis ...	...	...	39	42
Pneumonia ...	...	...	34	36
Phthisis ...	...	...	22	4
Measles ...	...	...	7	—
Croup ...	...	...	5	—
Influenza ...	...	...	1	—
Rheumatic Fever ...	...	...	1	—
Convulsions ...	...	...	69	52
Premature Births ...	...	...	55	54
Diarrhœa ...	...	...	101	20
Marasmus ...	...	...	54	29
Debility ...	...	...	70	53
Meningitis...	...	...	11	10
Enteritis ...	...	...	34	4
Laryngitis...	...	...	1	—
Icterus ...	...	...	2	—
Whooping Cough ...	...	...	1	22
Thrush ...	...	...	3	—
Improper Feeding ...	...	...	1	—

Ninety-four enquiries into the causes of death were made by the Coroner, 59 of which were found to have been caused by violence or accident, and 39 were certified as due to natural causes. Sixteen of the inquests were on children under one year of age.

ZYMOTIC DISEASE.

The deaths under this heading are 221, giving a death-rate of 2·86 per 1,000, while for 1894 the rate was 1·65 per 1,000. The details are as follows:—

	Walsall	Blox- wich	Rushall (Aldridge Registra'n District)	Work- house	Epidemic Hospital	Total
Scarlatina ...	2	...	...	...	...	2
Diphtheria ...	6	...	...	...	...	6
Croup ...	7	...	...	...	...	7
Typhoid Fever ..	9	...	1	...	...	10
Puerperal Fever	1	...	...	...	...	1
Erysipelas ...	1	1	...	...	...	2
Measles ...	16	12	...	...	...	28
Whooping Cough	1	...	1	...	...	2
Diarrhœa ...	138	12	9	3	...	162
Continued Fever	1	...	...	...	...	1
Totals ...	182	25	11	3	...	221

The following tables show the number of deaths from zymotic disease and the zymotic death rate during the last ten years :—

	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895
Scarlatina ...	2	5	9	23	23	12	21	17	1	2
Diphtheria ...	2	3	5	7	1	2	3	2	5	6
Croup ...	—	4	5	6	9	3	2	2	1	7
Typhoid Fever ...	14	10	10	9	21	19	8	22	13	10
Puerperal Fever...	—	—	3	3	4	4	2	2	3	1
Erysipelas ...	—	1	5	5	7	9	2	3	4	2
Measles ...	90	2	21	18	12	61	9	88	4	28
Whooping Cough..	—	25	35	41	31	12	67	15	46	2
Diarrhœa...	120	59	50	90	63	61	69	160	36	162
Continued Fever..	—	—	2	—	—	—	—	—	—	1
Small-pox ...	3	5	20	—	—	—	—	71	12	—
TOTALS ...	231	114	166	202	171	183	183	382	125	221

ZYMOTIC DEATH RATE.

	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895
Scarlatina ...	·03	·07	·130	·331	·32	·17	·29	·23	·01	·02
Diphtheria ...	·03	·04	·073	·099	·01	·02	·04	·02	·06	·07
Croup ...	—	·06	·073	·086	·12	·04	·02	·02	·01	·09
Typhoid Fever ...	·21	·15	·147	·130	·3	·26	·11	·30	·17	·13
Puerperal Fever...	—	—	·044	·043	·05	·05	·02	·02	·04	·01
Erysipelas ...	—	·01	·088	·671	·1	·12	·02	·04	·05	·02
Measles ...	1·36	·07	·309	·261	·17	·85	·12	1·20	·05	·36
Whooping Cough..	—	·37	·52	·589	·44	·17	·93	·20	·62	·02
Diarrhœa ...	1·81	·88	·728	1·300	·9	·85	·95	2·19	·48	2·13
Continued Fever..	—	—	·118	—	—	—	—	—	—	·01
Small-pox ...	·04	·07	·295	—	—	—	—	·97	·16	—
TOTALS ...	3·48	1·72	2·525	3·510	2·41	2·53	2·50	5·19	1·65	2·86

Scarlatina.

There were notified 105 cases of Scarlatina, 36 under 5 years of age, and 69 over 5 years. This is an increase on the number notified during the preceding year, when there were 98 cases reported. The cases were almost all of a sporadic nature spread over the town, and of a very mild type, only 2 deaths taking place.

Smallpox.

One case of Small-pox occurred, which was immediately removed to the Epidemic Hospital. It was only of a mild nature, and happily no other cases resulted.

Fourteen cases of Diphtheria were notified, 3 of Diphtheria. children under 5, and 11 of persons over 5 years of age. The majority of the cases were of a severe type, 6 deaths occurring. It is a gratifying fact that the Borough still has a comparative immunity from this dangerous zymotic.

Sixteen cases of Membranous Croup were notified, 7 of which proved fatal. This is an increase on the number of cases notified last year, when only 6 cases were reported, with one death. ^{Membranous Croup.}

One of the most pleasing features in my report is the Typhoid Fever. decrease in the number of cases of Typhoid Fever, when compared with previous years — only 67 cases being notified, as against 74 in 1894 and 110 in 1893. This is all the more gratifying when we observe that the other Zymotic Diseases shew a decided increase compared with last year. As the prevalence of Typhoid Fever is perhaps more than any other disease attributable to a faulty condition of Sewerage and a lax Sanitary system, we may conclude from this that the conversion of privies and cesspits into Water Closets, and the more systematic cleansing of yards and flushing of sewers is having a beneficial effect on the health of the community. Of the 67 cases notified 60 were of persons over 5, and 7 of children under 5 years of age. Ten deaths occurred, 9 over and 1 under 5 years.

A special enquiry was made into the supply of milk brought into the Borough from one of the Dairy Companies. Three farms were visited and inspected, and an analysis made of their water supply, but no reasonable grounds were shewn why the milk should be condemned and its import prohibited. Attention has also been called to our water supply, but there also we had no reason to suspect it as a source of this disease.

Eighty-eight cases of Erysipelas were notified, 2 Erysipelas. deaths occurring. I consider the notification of this

disease useless, and a waste of public money. I am glad to know that steps are being taken to have it removed from the list of notifiable diseases.

Measles.

Twenty-eight deaths occurred from Measles, and as the death-rate is the only means we have of judging of the severity of this disease (Measles not being notifiable) I conclude that the epidemic has been somewhat severe, especially taking into consideration the fact that the disease was prevalent only during the last three months of the year. Compared with 1894 when only 4 deaths took place, this shews a marked increase.

Diarrhoea.

Diarrhoea was very prevalent during the autumn months, and is accountable in a great measure for the rise in our death-rate. 162 deaths occurred against 36 in 1894, and of those the large number of 145 were of children under 5 years of age.

If we consider this disease due to some sanitary defect, and a disease which ought to be preventable, then we must conclude that in the homes and among the children of the poorer class where this zymotic disease is prevalent, something must be seriously at fault. This makes it all the more difficult to remedy when we know that the cause is due to the want of personal attention and proper skilled treatment, and other family or domestic circumstances over which the law has no control.

Whooping Cough.

Only two deaths were registered as due to Whooping Cough, a great decrease compared with 46, the number reported last year, indicating that the town has been almost free from this disease.

NOTIFICATION OF INFECTIOUS DISEASE.

Notifications.

I have again to report a decrease in the number of cases of Infectious Disease notified, only 297 cases being reported during the year. The following table shows at a glance the comparison with previous years:—

1891	1892	1893	1894	1895
830	1079	1440	457	297

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS,

Coming to the knowledge of the Medical Officer of Health, during the year 1895, in the Walsall Urban Sanitary District; classified according to Diseases, Ages, and Localities.

[illegible]



I regret to say that the Isolation Hospital has not yet been completed. Numerous plans have been discussed by the Health Committee, and a careful study made as to the best means of meeting the requirements of the town.

The following table shows the distribution and number of cases notified :—

LOCALITY	Scarlatina	Diphtheria	Membranous Croup	Typhoid Fever	Puerperal Fever	Erysipelas	Continued Fever	Smallpox.
Walsall—								
Under 5	35	2	10	6	...	8	3	...
5 & upwards	66	7	6	60	3	60	...	1
Bloxwich—								
Under 5	1	1	...	1	...	1	...	...
5 & upwards	3	4	...	...	...	17	...	...
Workhouse—								
Under 5	...	...	...	...	...	...	...	...
5 & upwards	...	...	...	...	...	2	...	...
District Hospital								
Under 5	...	...	...	...	...	...	...	...
5 & upwards	...	...	...	...	...	...	...	...
Totals—								
Under 5	36	3	10	7	...	9	3	...
5 & upwards	69	11	6	60	3	79	...	1

The fees paid to medical men for notification certificates came to £29 19s. 6d., or 7/10½ per 1,000 of the inhabitants; as against £50 15s. 6d. or 13/6¼ per 1,000 in 1894.

Fumigation and disinfectants (supplied to the occupiers of infected houses) cost an average of 4½d. per house as against 7½d. per house in 1894.

SANITARY WORK.

The Borough has now a sewerage system of 57 miles, and a surface water drainage of 3 miles, the sewerage varying in size from 6 to 18 inches in diameter. The treatment of the sewage at the farm by precipitation,

polarite filtration and subsequent irrigation is working well, the effluent being all that could be desired.

The work of removing old privies and replacing them with water closets is being steadily persevered in. We have now 8,548 water closets against 5,139 privies, and from these figures you will observe that a great deal has been done in this direction, but much is yet required before we can consider ourselves to have perfectly adopted a water carriage system.

Refuse
Disposal

The disposal of our refuse is in the hands of the Borough Surveyor's department, and a considerable improvement has been observed in the efficiency with which this is managed. The ashpits are emptied more frequently, and a better system of disposal adopted. I consider, however, that until destructors be erected, and the disinfecting and consuming power of fire be brought into action, no system can by any means be perfect.

Abatement of
Nuisances.

Since the adoption of our new system of house to house visitation, a more thorough inspection of the districts has been made. 12,675 houses have been visited and reported upon against 4,476 in 1894. The number of notices served were 8,993, and it is gratifying to know that out of that number only 50 remained on the books at the end of the year, and that also almost all of them were abated without having to be served with the formal notice, the preliminary letter being sufficient. I have to protest very strongly against the present system of Sewerage in the Bloxwich District, and I wish to point out to you certain streets which require immediate attention. In Parker and Marlborough Streets the sewage and storm water is conducted through covered drains to dumbwells, which are totally inadequate to deal with the quantity of sewage they receive, the result being in each case that the sewage overflows upon the surrounding gardens, thoroughly saturating a considerable area. The streets are neither drained nor paved, and in Parker Street the roadway is at times almost impassable. I am

Bloxwich
District.

pleased to know that steps are being taken to sewer Marlborough Street, and I hope that Parker Street will soon receive the same attention. New Street and Alfred Street have a shallow sewer which is quite insufficient for the water carriage system. In the same streets three blocks of houses are drained to dumbwells which frequently overflow and thereby cause a nuisance. In Revival Street there is no efficient means of drainage; one block, consisting of five houses, has no drains, but has its sewage conducted to the adjoining fields in little surface channels. Eight other houses are drained into dumbwells, which always appear to be full. This I understand is to be shortly remedied by a system of sewerage. Harden Lane, Dawson Street, Chapel Street, and Foster Street, Blakenall, are neither sewered nor paved; and I cannot see any reason why this nuisance should not be abated. The drainage from houses in Harden Lane is conducted along surface channels to the road, where ruts are formed, through which the sewage passes to the adjoining field, where it soaks away. In Dawson Street, Chapel Street, and Foster Street, we have exactly the same nuisance. The sewage from the houses is conducted to The Green in front, where it soaks away through the surface.

Several ventilating shafts have been erected during the year for the purpose of sewer ventilation in places where the gaseous tension was supposed to be greatest, and an undoubted advantage has been gained, the noxious effluvia being conveyed into the atmosphere at a point where dilution became easier and more perfect. As a consequence fewer complaints have been made in regard to smells from man-holes.

Ventilation of
Sewers.

RAINFALL.

I am indebted to Mr. N. E. Best for his kindness in supplying me with the following table, shewing the rainfall during the last five years. The total rainfall during this year was 26·24 inches, which is a decrease, compared with 1894, when it was 28·02; but a little more than the

amount registered in 1893, when it was 25·22. Thus it will be seen that the rainfall in 1895 is 1·78 less than in 1894, and 1·02 more than in 1893. Taking the average rainfall per annum during the last ten years in Walsall it gives 28·15 ins., which is slightly over the average rainfall for England during the same period :—

Month.	1891	1892	1893	1894	1895
January ...	2·38	2·36	1·99	1·79	4·60
February ...	0·27	1·83	3·11	2·71	0·24
March ...	1·59	0·99	0·49	1·32	2·32
April ...	2·08	1·24	0·59	1·41	2·23
May ...	3·53	2·29	2·46	2·17	0·35
June ...	3·04	3·31	1·87	2·87	1·20
July... ...	2·30	2·46	2·52	3·43	2·63
August ...	3·97	2·49	2·28	2·73	2·57
September ...	1·59	2·38	1·84	1·52	0·44
October ...	5·48	3·45	2·73	2·86	3·87
November ...	2·60	2·00	1·53	2·82	3·42
December ...	3·12	2·10	3·82	2·39	2·37
Totals ...	31·95	26·90	25·22	28·02	26·24

I have the honour to remain,

Gentlemen,

Your obedient Servant,

JAMES SCOTT WILSON, M.D., D.P.H., Camb.,
Medical Officer of Health.

APPENDIX.

ANNUAL REPORT
OF THE
INSPECTOR OF NUISANCES

Of the Borough of Walsall, for the year 1895.

MR. CHAIRMAN AND GENTLEMEN,
I have the honour of presenting to you my Fifth Annual Report of the work done in my Department, by and under your authority and direction, during the year 1895.

Table 1.
Notice of Ordinary Nuisances.

	No. 1 Dist.	No. 2 Dist.	No. 3 Dist.	
To remedy defective drainage, defective and dilapidated privies, water closets, ashpits and yards ...	424	453	467	
To whitewash and purify houses, rooms, yards, &c. ...	103	87	93	
To remove offensive accumulations of refuse ...	23	10	30	
To remove animals so kept as to be a nuisance ...	32	31	24	
To cleanse privies and yards... ..	15	5	31	
To repair dwelling-houses	33	24	45	
To vacate houses unfit for habitation... ..	...	...	5	
To remove stagnant water in cellar	2	7	12	
To provide drainage to houses, yards, &c.	2	...	...
To reduce over-crowding in dwelling-houses	6	4	24	
To provide drinking water	20	8	5	
To provide privies	27	24	11	
To detach sink drains from sewer drains	10	19	6	
To repair spouting	24	15	9	
To repair sinks	19	32	26	
To repair manure-pit ... ..	...	1	4	
To provide urinal	2	2	2	
To cleanse and repair soft water cisterns	1	1	3	
To provide spoutings ... ..	...	1	...	
To provide ashpit	1	1	2	
To cleanse ditch ... ..	...	1	6	
To close dwelling-house	4	...	...
To repair slaughter-house	1	...	...
To empty privy (notice served on occupier) ... ..	...	...	1	
To demolish sink ... ..	...	...	1	
To empty dumbwell ... ..	...	...	1	
To Surveyor—				
Alleged dangerous buildings	15	10	8	
Dangerous well	4	3	2	
Insufficient water supply	3	4	4	
Defective spoutings	1	...	1	
	772	743	823	...
To cleanse ashpits ... ..	...	...	...	2338
				6655
				8993

171 complaints of nuisances have been received and investigated. 556 letters and memoranda have been received, and 993 have been sent out, exclusive of reports.

House to house inspections have been made in each of the three districts, viz. :—

No. 1 District (the whole)	...	4316 houses.
No. 2 District	... ..	3945 „
No. 3 District	... ..	4414 „
Total	... ..	<u>12675</u> „

Table 2.
Result of Notices.

No. 1 DISTRICT.

Nuisances Removed	Samples of water and result of test					Houses supplied with water	STRUCTURES												
	Water tested	Unfit.	Unsafe	Good	Wells closed		New drains. Yards	New Privies	New Ashpits	New Water Closets.	New Urinals	New Cesspits	Drains Trapped.	New Ventilators	Ashpits Roofed	Ashpits Removed	Privies Removed	Sink Drains detected	from Sewer
634	25	11	14	...	8	45	1065	6	7	146	2	...	96	7	29	3	7	10	

No. 2 DISTRICT.

609	16	4	10	2	5	13	516	3	2	70	1	...	172	4	8	19	
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No. 3 DISTRICT.

642	7	2	3	2	3	5	341	11	2	34	3	3	107	4	23	6	
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Full Ashpits emptied—6655.

Table 3.
To abate over-crowding in Houses.

				No. 1 District.	No. 2 District.	No. 3 District.
Reduced	...	...	...	3	3	15
Vacated...	...	...	...	2	1	10

Table 4.
Houses unfit for Habitation.

Repaired	...	...	...	32	24	47
Closed...	...	...	...	5	...	2

The seven houses reported closed, as unfit for human habitation, are situated in James Street, Blakenall Heath, Bull's Head Yard, and The Ditch.

No of nuisances remaining on the books for the year ending					
December 31st, 1895	...	...	...	...	50

Table 5.—Trades.**Report of the Inspector of Canal Boats**

(G. W. HARRIES.)

There is an apparent improvement in the cleanliness and general condition of the boats, only three cases—and those of a minor character—requiring notice.

Number of boats inspected	...	...	...	...	63
Number conforming to Acts and Regulations	...	...	...	...	60
Number of boats with one or more infringements	...	...	...	...	3
Nature of infringements—					
Registration	...	...	...	...	0
Notification of change of master	...	...	...	...	0
Absence of certificate	...	...	...	...	0
Certificate not identifying owner with boat	...	...	...	...	0
Marking	...	...	...	...	1
Over-crowding	...	...	...	...	0
Partition separating the sexes	...	...	...	...	0
Females over 12 improperly occupying	...	...	...	...	0
Cleanliness	...	...	...	...	0
Painting	...	...	...	...	0
Ventilation	...	...	...	...	0
Dilapidation	...	...	...	...	0
Removal of bilge water	...	...	...	...	0
Without pump	...	...	...	...	0
Refusal of admittance to Inspector	...	...	...	...	0
No proper water vessel	...	...	...	...	2
Without requisite double bulkheads	...	...	...	...	0
Notification of infectious disease	...	...	...	...	0
Total infringements met with	...	...	...	...	3
Total infringements remedied	...	...	...	...	3
Number still corresponding about...	...	...	...	...	0
Number of legal proceedings taken	...	...	...	...	0
Number of women with boats inspected	...	...	...	...	35
Number of children between 5 and 12	...	...	...	...	28
Number of children 5 years and under	...	...	...	...	23

Dairies, Cowsheds, and Milkshops.

All the Milkshops and Cowsheds in the Borough are cleansed and limewashed four times during the year.

	No. 1 District.	No. 2 District.	No. 3 District.
No. of Milking Cows kept in the Borough	194	34	172
No. of Cowkeepers and Purveyors of Milk	13	6	24
No. of Purveyors of Milk	40	48	26
No. of Visits	375	435	531
No. of Purveyors of Milk registered this year	10	17	7

There has been a considerable improvement in the way the manure has been kept. Last year I reported that the manure was kept too close to the cowsheds, but this state of things has been altered.

Bakehouses.

			No. 1 District.	No. 2 District.	No. 3 District.
Number of Bakehouses	...	...	34	30	28
Number of Visits...	...	...	387	339	482

Four new Bakehouses have been erected during the year—one in Stafford Street, one in Park Street, one in Bradford Street, and one in Darlaston Road. All the Bakehouses are cleansed and limewashed twice during the year.

Slaughter-houses.

Number of Slaughter-houses	...	...	28	13	15
Number of Visits ...	...	...	890	382	370

One new Slaughter-house in Brace Street has been licensed during the year, and among the old houses, three—one in Stafford Street, one in James Street, and one in Milton Street—have been disused. The whole of them have been whitewashed and cleansed several times during the year.

Common Lodging Houses.

No. of Common Lodging Houses	...	...	5	12	2
No. of Lodgers which can be accommodated	97			279	22
No. of Visits	12	4	2

Factories and Workshops.

No. of Visits	351	309	299
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Table 6.

			No. 1 District.	No. 2 District.	No. 3 District.
Visits to Houses in consequence of Infectious Disease	70	93	114
Houses disinfected under supervision of Inspectors	...	...	37	63	53
Houses disinfected personally by Inspectors	...	...	2	...	2
Persons supplied with Lime	..				1123
Persons supplied with Brushes	...				1513

Table 7.

Food and Drugs.

Articles of Food, &c. submitted to the Analyst.	No. 1 District.		Total No. of Samples in No. 1 District.	No. 2 District.		Total No. of Samples in No. 2 District.	No. 3 District.		Total No. of Samples in No. 3 District.	Total No. of Samples in the three Districts.
	Genuine.	Adul- terated.		Genuine.	Adul- terated.		Genuine.	Adul- terated.		
New Milk ...	4		4	4		4	4		4	12
Rum ...	1		1	...		...	...		...	1
Gin ...	2		2	...		...	...		...	2
Malt Vinegar ...	1		1	...		...	...		...	1
White Pepper ...	2		2	1		1	2		2	5
Butter ...	2		2	3		3	2		2	7
Bread ...	2		2	1		1	1		1	4
Lard ...	...		...	1		1	1		1	2
Coffee ...	...		...	...		...	1		1	1
Water ...	...		26	...		15	...		7	48
Total ...	14		40	10		25	11		18	83

Table 8.**Magisterial Proceedings respecting various cases.**

No.	Nature of Offence.	When heard.	Results.
1	Selling unsound Meat	October 2nd	Fined £20, or 2 months' imprisonment.

Table 9.**Unwholesome Food destroyed.**

				No. 1 District.	No. 2 District.	No. 3 District.
Fish	...	...	...	1 cwt.	...	...
(Inspector called in by request of owner).						
Beef	...	...	...	3 cwt.	...	...

Streets and Places in the Borough where Infectious Diseases have been reported and visited by the Inspectors during the year 1895, alphabetically arranged for the whole Borough.

STREETS	No of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Ablewell Street ...			1					
Albert Street ...					1			
Albert Street, Little ...		1			1			
Algernon Street ...					2			
Arundel Street ...					1			
Atkins' Building, Ryecroft ...			1					
Augustus Street ...			1					
Ball Street ...						1		
Bank Street ...					1	1		
Bath Road ...		1						
Bell Lane ...		1	1	1				
Bentley Lane ..		2		1	2			
Bernard Street ...			1	1				
Bescot ...			2					
Bescot Street ...		1						
Birch Street ...								1
Birchills ...		1	1		1			
Birchills Street ...		1	1		2			
Birmingham Road ...			1					
Birmingham Street ...		1					1	
Blakenall Heath ...		1						
Bloxwich Road ...		3	9		1			
Blue Lane ...		2	3					
Bott Lane ...		1			2			
Bradford Street ...			1					
Brewer's Cottages ..		1						
Bridge Street ...					1			
Bridgeman Street ...					1			2
Brineton Street ...					1			
Burrowes Street ...		1						
Butts Road ...		1						
Caldmore Road ...					1			
Cecil Street ...			6					
Cemetery Road ...		1						
Chapel Street... ..		1						
Chapel Street, Pleck..			4		1			1

STREETS AND PLACES—*continued.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Charlotte Street ...					1			
Corporation Street ...				1				
Countess Street ...			1					
Croft Street ...		1						
Cross Street ...			1					
Darlaston Road ...					1			
Day Street ...			1					
Digbeth ...		1						
Duncalfe Street ...			1					
Eldon Street ...		1						
Farringdon Street ...			1		1			
Field Street ...		3	2					
Ford Street ...							1	1
Forster Street, Lower			1		1			1
Forster Street, Upper		1	1					
Foster Street, Blakenall		1						
Freer Street ...				1				
George Street...					1			
Gility Greaves Lane ..			1					
Goodall Street ...			1					
Green Lane ...		5			1	1		1
Hall Lane, Lower ...								1
Hall Lane, Upper ...			4					
Hall Street ...		1						
Henry Street ...		1						
Hill Street ...		1						
Hillary Street...			1					
Hollyhedge Lane ...		1			1			
Hospital Street ..					1			
Intown Row ...			1					
James Street ...		2	3		2			
Jessel Road ...		1						
Jesson Lane ...					1			
John Street ...		1	1		1			
Leamore Lane ...					1			
Lichfield Road ...			2					
Lichfield Street ...		1						
Little Bloxwich ...		1						
Littleton Street ...								3

STREETS AND PLACES—*continued.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Croup
Longacre		1						
Long Street		1						
Margaret Street					2			
Marlboro' Street			1					
Mill Lane		1						
Mill Street		1	1					
Milton Street			1		1			
Moat Road					1			
Mount Pleasant		1						
Mount Street		1						
Mountrath Street		1						
Narrow Lane					1			
Navigation Street			1					
New Street		2						
New Street, Bloxwich				1				
Newhall Street					2			
Newland Street		3	1					
Newport Street, Little		1						
Old Lane		1						
Oxford Street... ..		2		1				
Oxford Street, Pleck... ..			1					
Paddock Lane			1	1	1			
Pargetter Street		1						
Park Street					1			
Parkbrook					4			
Parkhill			1		1			
Pinfold				1				
Pleck Road		2			1			2
Port Street				1				
Portland Street		1			1			
Pratt's Bridge		1						
Proffitt Street... ..		1			2			
Queen Street		1	3					
Raleigh Street		1	1	1				
Regent Street				1				
Rollingmill Street		1						
Rowley Street			1					
Rupert Street... ..					1			
Rutter Street... ..		1	2		1			

STREETS AND PLACES—*continued.*

STREETS	No. of cases of Small-pox	No. of cases of Erysipelas	No. of cases of Scarlet Fever or Scarlatina	No. of cases of Diphtheria	No. of cases of Enteric or Typhoid Fever	No. of cases of Puerperal Fever	No. of cases of Continued Fever	No. of cases of Membranous Group
Ryecroft Street .								1
Sandbank		1						
Sandwell Street ...			4					
School Terrace ...					1			
Shortacre		2	1					
Short Street, Upper ...		1						
South Street			2					
Spout Lane					2			
Stafford Road, Bloxwich		1						
Stafford Street ...			1		1			
Sutton Road			1					
Tantarra Street ...			1					
Teddesley Street ...			4					
The Green		1						
Thorpe Road		1			1			
Tudor Place		1						
Vicarage Place							1	
Victor Street			1					
Victoria Street ...		1		1				
Walhouse Street, Upper			2					
Walhouse Street, Lower		2						
Wallows Lane					1			1
Walsingham Street ...			1					
Ward Street					1			
Warwick Street ...	1				1			
Wednesbury Road ..			3					
Westbourne Road ...		1	2		1			
Westbromwich Road...		1	5		1			
White Street			2					
Whitehall Road ..		1	1		1			1
William Street			2					
Windsor Street ...			1					
Wisemore					1			
Wolverhampton Road		1		1	2			
Wolverhampton Street		1						
Woodend					1			
Workhouse		2						

THE INFECTIOUS DISEASES (NOTIFICATION) ACT, 1889.

This Act came into operation in the Borough of Walsall on the first day of March, 1890.

Cases Notified by Medical Practitioners from January 1st, 1895, to December 31st, 1895.

Small-pox.	Erysipelas.	Scarlet Fever or Scarlatina.	Diphtheria.	Enteric or Typhoid Fever.	Puerperal Fever.	Continued Fever.	Membranous Croup.
1	88	105	14	67	3	3	16

The case of Small-pox was removed to the Epidemic Hospital by the Inspector.

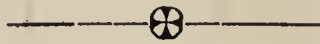
Total Notifications

GEORGE W. HARRIS,

Inspector of Nuisances.

HEALTH COMMITTEE

Of the Walsall Corporation.



Mr. COUNCILLOR JAMES WILLIAMS, *Chairman.*

Mr. COUNCILLOR PETER BULL, *Vice - Chairman.*

Mr. ALDERMAN BREWER.

„ „ ROPER.

Mr. COUNCILLOR BAKER.

„ „ BOWEN.

„ „ BROWNHILL.

Mr. COUNCILLOR CLARE.

„ „ LITTLER.

„ „ PICKEN.

„ „ ROBERTS.

„ „ C. C. WALKER.

Meet on the last Friday in each Month at Six p.m.

Medical Officer of Health:

JAMES SCOTT WILSON, M.D., D.P.H., Camb.

Sanitary Inspector:

GEORGE W. HARRIES.

Assistant Inspectors:

ARTHUR T. HUBBLE. FRANCIS SYKES.

Clerk:

GEORGE W. TAYLOR.

